

# INDEX OF AUTHORS.

- ADAMS, 258, 263, 264, 265.  
Alderton, H. A., 444, 474, 477, 481,  
482, 484, 502, 740, 742, 747,  
748, 749, 755, 758.  
Andereya, 510.
- BACON, 435, 439.  
Baker, Frank Collins, 61.  
Ballin, Milton J., 765.  
Barany, 505.  
Bar, 798.  
Barck, C., 1100.  
Barnhill, John F., 114, 237, 248.  
Barr, 763.  
Baumgart, 810.  
Baumgarten, E., 512.  
Beck, Joseph C., 241, 273, 340,  
521.  
Berens, T. Passmore, 218, 474,  
475, 476, 714, 761, 762.  
Bezold, Frederick, 525.  
Black, Nelson M., 933.  
Blackwell, H. B., 155, 183, 376,  
455, 454, 767.  
Blegvad, 1116.  
Boggs, H., 812.  
Bondy, 763.  
Braat, 801.  
Braislin, William C., 36, 71, 78.  
Braun, Alfred, 381, 454.  
Broecker, 799.  
Brown, 222, 223.  
Brown, Geo. V. L., 885.  
Bruenings, W., 526.  
Bryant, W. Sohler, 188, 189, 190,  
221, 222, 223, 225, 425, 454,  
455, 458, 460.  
Burger, H., 508, 777.  
Busch, 770.  
Buys, 769.
- CARROLL, JAMES J., 1080.  
Carter, Wm. W., 510.  
Casselberry, W. E., 808.  
Celler, 195, 203, 206.  
Chambers, 425.  
Coburn, 183.  
Cocks, 457.  
Coffin, 489.  
Cohen, 515.  
Cohen, Martin, 210, 216.  
Cohn, Felix, 245.  
Constantin, 803.  
Crockett, E. A., 356, 437, 451, 502.
- DAVIS, GEO. E., 214, 216.  
Dean, L. W., 541.  
Delavan, D. Bryson, 173, 424, 425,  
429, 806.  
Dench, E. B., 191, 237, 239, 257,  
258, 260, 261, 263, 264, 265,  
267, 433, 444, 483, 484, 485,  
486, 490, 494, 495, 739, 740,  
742, 743, 744, 747, 749, 752,  
757, 762.
- Duel, Arthur B., 200, 203, 205,  
216, 233, 242, 251, 253, 255,  
259, 260, 266, 270, 271, 272,  
427, 431, 447, 474, 476, 478,  
481, 483, 487, 489, 494, 498,  
504, 752, 753, 758, 761.  
Dwyer, J. G., 394, 463, 469, 499.
- EMERSON, LINN, 225, 227.  
Ephriam, 516.
- FERRAN, 768.  
Fischer, 718.  
Foster, E. E., 121.  
Fowler, E. P., 367, 423, 433, 435,  
461, 503, 714, 715.  
Foy, 790.  
Forsyth, Edgar A., 345.  
Fraser, 771.  
Freer, Otto T., 1, 511, 559.  
Freudenthal, Wolff, 517, 606.  
Fridenberg, P., 209, 434, 449, 725,  
735, 797.
- GAUDIER, 788.  
Gerber, 810, 1119.  
Gleitsmann, J. W., 1088.  
Goodale, Joseph L., 599.  
Graef, 215, 216.  
Graham, H. B., 1017.  
Gray, A. L., 348.  
Gruening, E., 147, 191, 206, 237,  
245, 253, 254, 263, 264, 265,  
266, 267, 269, 271, 272, 437,  
450, 461, 474, 476, 480, 481,  
482, 483, 484, 486, 487, 488,  
489, 490, 498, 499, 739, 740,  
741, 742, 743, 747, 748, 751,  
752, 757, 762.  
Gruenwald, L., 1112.  
Guggenheim, J., 1117.  
Guggenheim, Louis K., 1024.  
Guttman, 713.
- HAJEK and Polyak, 1113.  
Halle, 1109.  
Harris, Thos. J., 253, 260, 267,  
435, 475, 486, 496, 500, 725,  
727, 735, 743, 744, 752, 754,  
760.  
Haskin, W. H., 468, 491, 495, 754,  
756, 758, 761.  
Haberfeld, 793.  
Hays, Harold, 208, 210, 295, 426,  
456, 459.  
Hegener, 1107.  
Helbing, 520.  
Höllinger, J., 51.  
Holmes, E. M., 639.  
Hopkins, F. E., 668.  
Hopkins, F. T., 739, 740, 741.  
Horn, Henry, 163.  
Hubbard, Thomas, 25.  
Hubby, L. M., 688, 715, 717.  
Huey, A. J., 785.  
Hurd, L. M., 429.

- INGALS, E. FLETCHER, 595.  
 Ingersoll, J. M., 646.  
 Iglaue, Samuel, 523.  
 Isemer, 765.
- JACQUES, 1110.  
 Johnston, Richard H., 19.  
 Johnson, 220, 223, 227, 432, 713.  
 Jones, Clarence Porter, 681.
- KAHLER, OTTO, 518.  
 Kenefick, J. A., 181, 182, 184, 190,  
 205, 253, 448, 453, 454, 456,  
 458, 487, 489, 710, 713, 715,  
 718, 727, 736, 738, 750, 754,  
 762.  
 Kerrison, D., 214, 216.  
 Killian, Gustav, 1110.  
 Knight, Chas. H., 631.  
 Koenig, 769.  
 Kopetzky, S. J., 206, 244, 319,  
 460, 461, 726, 728, 737, 993.
- LAAN, H. A., 513.  
 Lamann, 801.  
 Lange, Cornelia de, 521.  
 Lange, W., 772.  
 Law, F. M., 422.  
 Ledeman, M. D., 213, 215.  
 Leonhard, J. van der Hoeven,  
 794.  
 Lewis, Robert J., 183, 186, 484,  
 485.  
 Libman, 195, 203.  
 Liebe, 797.  
 Levinstein, 513.  
 Levinstein, O., 1116.  
 Levy, Robert, 804.  
 Lloyd, Samuel, 467.  
 Lublinski, W., 1118.  
 Lutz, S. H., 259, 475, 485, 486,  
 487, 496, 499, 744, 753, 754,  
 1255.
- MAKUEN, G. HUDSON, 523, 684.  
 Marschik, Herman, 800.  
 Mayer, Emil, 517.  
 Mayr, 766.  
 McCoy, John, 233, 287, 732.  
 McCullagh, S., 221, 222, 224, 387,  
 463, 737.  
 McKernon, J. F., 439, 474, 475,  
 476, 480, 483, 484, 487, 490,  
 740.  
 Moll, 775.  
 Mosher, H. P., 506.  
 Moure, 811.  
 Mulder, 790.  
 Munch, 790.  
 Mygind, Holger, 529.  
 Myles, R. C., 428.
- NEUMANN, HEINRICH, 462.  
 Nikitin, 1111.
- OPPENHEIM AND CASSIRER,  
 525.  
 Oppenheimer, Seymour, 184, 420,  
 421, 745.
- PACKARD, FRANCIS R., 676.  
 Page, John R., 353, 433, 731, 738.  
 Perkins, Chas. E., 692, 718.  
 Phillips, Wendell C., 233, 243,  
 259, 261, 263, 264, 266, 460,  
 470, 474, 481, 488, 490, 740,  
 741.  
 Polyak and Hajek, 1113.  
 Pratt, J. M., 797.  
 Preysing, 784.  
 Price-Brown, J., 786.
- QUINLAN, FRANCIS J., 257, 259.  
 260, 261, 265, 477, 501.
- RAE, 182, 186, 190, 221, 227, 421,  
 422, 752, 754.  
 Ramsay, J. Hunt, 211, 213.  
 Richards, J. D., 177, 181, 182, 183,  
 184, 185, 188, 189, 264, 267,  
 269, 430.  
 Riviere, A., 787.  
 Robinson, Beverley, 785.  
 Ruprecht, M., 1116.  
 Rutin, 764, 771.
- SARGNON AND BARLATIER,  
 804.  
 Saunders, T. L., 159, 184, 186.  
 Schaeffer, Jacob P., 815.  
 Schilperoort, 795.  
 Schulz, 770.  
 Seifert, 1118.  
 Shambaugh, Geo. E., 618, 983.  
 Sheppard, J. E., 256, 258, 260,  
 266, 435, 442, 498, 561, 665.  
 Shurly, Burt R., 1063.  
 Srebrny, S., 1112.  
 Skillern, R. H., 63.  
 Sluder, Greenfield, 786.  
 Sondern, F. E., 463, 587.  
 Spira, 763.  
 Sturmman, 1113.
- TAWSE, 510.  
 Theisen, C. F., 351.  
 Thompson, J. J., 228.  
 Toeplitz, M., 478, 484, 741, 743.  
 Tretrop, 799.
- URBANTSCHITSCH, 502.
- WATERMAN, J. S., 705.  
 Welty, 1107.  
 Wiener, Alfred, 504.  
 Weinstein, 520.  
 Wilson, J. Gordon, 951.  
 Wilson, 713, 714, 715, 727.  
 Wishart, D. J. Gibb, 335.  
 Whiting, F., 194, 254, 255, 267,  
 271, 441, 496.
- YANKAUER, S., 719, 729.  
 Yates, D. G., 734, 735, 736.
- ZARNIKO, C., 1121.  
 Zwaardemaker, 794, 807.

## INDEX OF TITLES.

- ABDUCENS paralysis and otitis media purulenta, Perkins, 692, 718.
- Abducens paralysis following operation for acute mastoiditis accompanied by sinking retropharyngeal abscess, Kenefick, 710.
- Abscess, brain, encapsulated, Mosher, 506.
- Abscess, brain, in frontal lobe secondary to ethmoiditis and frontal sinusitis, McCoy, 287.
- Abscess, brain, otitic, Berens, 218; McCoy, 287, Oppenheim and Cassirer, 525; Dean, 541.
- Abscess, brain, otitic, clinical and anatomic manifestations, Wiener, 504.
- Abscess, brain, simulated by acute suppurative otitis media complicated with acute polioencephalitis and myelitis, McCoy, 732.
- Abscess, brain, suspected, Alderton, 755.
- Abscess, brain, with rare ocular symptoms, Barck, 1100.
- Abscess, cerebellar, Richards, 177.
- Abscess, cerebral, in connection with chronic middle ear supuration, Blackwell, 376.
- Abscess, cerebral, with chronic middle ear supuration, Blackwell, 453.
- Abscess, cerebral, with latent mastoiditis, Braun, 454.
- Abscess, epidural, with latent mastoiditis, Braun, 381.
- Abscess, larynx, Waterman, 705.
- Abscess, retropharyngeal, accompanying acute mastoiditis and abducens paralysis following operation, Kenefick, 710.
- Abscess, septum, traumatic, Andereya, 510.
- Abscess, submaxillary, Jones, 681.
- Abscess, subperiosteal of the mastoid region, Mygind, 529.
- Abscess, temporosphenoidal, Oppenheimer, 745.
- Abstracts from current otologic rhinologic and laryngologic literature, 502, 703, 1107.
- Accessory nasal cavities, atypical operations, Preysing, 784.
- Accessory nasal cavities, treatment after operation, Horn, 163.
- Accessory sinuses of nose, lymph vessels, Gruenwald, 1112.
- Air, hot, in otology, Ferran, 768.
- Amputation of the tubercular epiglottis, Selfert, 1118.
- Anatomic explanation of vestibular nystagmus, Guggenheim, 1024.
- Anatomy of larynx in anthropoidea, Wilson, 951.
- Anesthesia, local, in nose operations, Schilperoort, 795.
- Anesthesia, local of tonsil, Ruprecht, 1116.
- Anesthesia, local, quinine and urea hydrochlorate, Ingals, 595.
- Anesthesia of external auditory canal and drum membrane by chlorid of ethyl, etc., Koenig, 769.
- Anesthesia, regional, in radical cure of maxillary sinusitis, Munch, 790.
- Angina and gangrene of foot and leg in a child, Laan, 513.
- Angina, Vincent's, Arrowsmith, 658.
- Asthma, bronchial, significance of nasal sinuses, Nikitin, 1111.
- Atresia of external auditory canal, Forsyth, 345.
- Atresia of external auditory canal with mastoiditis, Page, 731.
- Attic suppuration, Ballin, 765.
- Auditory canal, external atresia, Forsyth, 345.
- Auditory meatus, internal infection, Duel, 251.
- Aural pyemia, Burger, 777.
- Auscultation tube, with tuning fork tests, Hubby, 688, 715.
- Automatic middle ear inflator, Fowler, 423.
- BACTERIA, capsulated, in production of acute middle ear affections, Graham, 1017.
- Bier's hyperemia in acute purulent middle ear inflammation, Spira, 763.
- Bismuth and other paste treatments in suppurative diseases of nose and ear, Beck, 521.
- Black tongue, Knight, 631.
- Book reviews, 525, 1122.
- Brain abscess, Berens, 218; McKernon, 478; Oppenheim and Cassirer, 525.
- Brain abscess in frontal lobe, secondary to ethmoiditis and frontal sinusitis, McCoy, 287.
- Brain abscess, encapsulated, Mosher, 506.
- Brain abscess, otitic, Dean, 541.

- Brain abscess, otitic, clinical and anatomic manifestations, Wiener, 504.
- Brain abscess, suspected, Alderton, 755.
- Brain abscess simulated by acute suppurative otitis media complicated with acute polioencephalitis and myelitis, McCoy, 732.
- Brain abscess with rare ocular symptoms, Barck, 1100.
- Bronchoscopy, direct, Bruenings, 526.
- Bronchoscopy, for removal of pin in left bronchus, Casselberry, 808.
- Bronchoscopy in internal medicine, Ephraim, 516.
- CAPSULATED bacteria in production of acute middle ear affections, Graham, 1017.
- Carcinoma, uvula, Holmes, 639.
- Cartilage formation, newly discovered, in nasal septum of man, Haberland, 793.
- Case for diagnosis, Alderton, 481.
- Cerebellar abscess, Richards, 177.
- Cerebral abscess occurring in connection with chronic middle ear suppuration, Blackwell, 376, 453.
- Chlorid of ethyl in anesthesia of external auditory canal and drum membrane, Koenig, 769.
- Cholesteatoma and its relation to otogenic meningitis, Daneion, 1108.
- Chronophotographic method for studying resonants and some of results, Zwaardemaker, 807.
- Cleft palate, Helbing, 520.
- Cochlea, physiology, Shambaugh, 618.
- Cochlea, removal instrument, Whiting, 254.
- Comparative anatomy of larynx, Wilson, 951.
- Curettes, mastoid, Blackwell, 460.
- Cysts, dental, Gerber, 810.
- DEAFNESS, following mumps, Gruening, 751.
- Deformities of nose, correction by mechanical replacement, Carter, 510.
- Dental cysts, Gerber, 810.
- Dental arches, widening, in nasal stenosis, results and possibilities, Black, 933.
- Diagnosis of nose, throat and ear affections, aided by laboratory methods, Beck, 340.
- Diagnosis, to be made on case, Alderton, 481.
- Diathesis, hemorrhagic and hemophilia, Hubbard, 25.
- "Die Krankheiten der Nase und des Nasenrachens," Zarniko, 1122.
- Diphtheria, followed by stenosis of larynx, Wishart, 335.
- Diphtheria, following tonsillotomy, Levinstein, 513.
- EAR cases, Thompson, 228.
- Ear, diagnosis of diseases, aided by laboratory methods, Beck, 340.
- Ear diseases, and relation of serodiagnosis of syphilis, Fowler, 367, 433.
- Ear diseases treated with bismuth and other pastes, Beck, 521.
- Ear, epithelioma treated with X-ray, Law, 422.
- Ear infection treated with serums, vaccines and Hiss extract of leucocytes, Dwyer, 394, 463.
- Ear inflammation, acute purulent treated with Bier's hyperemia, Spira, 763.
- Ear specimens, stereoscopic, Cohen, 210.
- Ear sequestrum from child, Rae, 227.
- Ear, syphilis, congenital, Fraser, 771.
- Ear, therapeutic measures, Beck, 273.
- Ear trumpet, Delavan, 424.
- Endoscopy of pharyngeal mouth of eustachian tube, Mayr, 766.
- Epidual abscess with latent mastoiditis, Braun, 381, 454.
- Epiglottis amputation in laryngeal tuberculosis, Freudenthal, 517.
- Epiglottis, tubercular, amputation, Selfert, 1118.
- Epistaxis, treatment, Robinson, 785.
- Epithelioma of ear treated with X-ray, Law, 422.
- Erysipelas following mastoidectomy, treated with Hiss' leucocyte extract, Rae, 736.
- Esophagoscopy, Bruenings, 526.
- Esophagoscopy and tracheobronchoscopy, Kahler, 518.
- Esophagoscopy, value in foreign body in esophagus, Moure, 811.
- Esophagus, foreign bodies, Pernice, 1120.
- Esophagus, foreign body in, and relative value of esophagoscopy and external esophagotomy, Moure, 811.
- Ethmoid bone, inflammation according to Uffenorde, Skillern, 63.

- Ethmoid involved in nasal tuberculosis, Freer, 1.
- Ethmoiditis and frontal sinusitis, primary to brain abscess in frontal lobe, McCoy, 287.
- Eustachian tube, containing broken eustachian bougie, Wilson, 714.
- Eustachian tube disease, meaning and treatment in connection with inflammation of middle ear, Urbantschitsch, 502.
- Eustachian tube endoscopy, Mayr, 766.
- Eustachian tube, in infantile pharynx, Brailsin, 36.
- Eustachian tube, inspection instrument, Hays, 208.
- Eustachian tube obliteration in chronic middle ear suppuration, Yankauer, 719.
- Eustachian tube obstruction, Brailsin, 71.
- Eustachian tube papers, bibliography, Brailsin, 78.
- Eustachian tube physiology, Fowler, 503.
- Extension and flexion in direct laryngoscopy, Johnston, 19.
- Eye, infection treated with vaccines, serum and Hiss' extract of leucocytes, Dwyer, 394, 463.
- FACIAL paralysis, cosmetic treatment, Busch, 770.
- Flexion and extension in direct laryngoscopy, Johnston, 19.
- Forceps, rongeur, Bryant, 460.
- Foreign bodies in esophagus, Pernice, 1120.
- Foreign body in esophagus and relative value of esophagoscopy and external esophagotomy, Moure, 811.
- Fossa, middle, removal of outer table of temporal and parietal bones and inner plate, Lewis, 484.
- Frontal lobe, brain abscess, secondary to ethmoiditis and frontal sinusitis, McCoy, 287.
- Frontal sinusitis and ethmoiditis, primary to brain abscess in frontal lobe, McCoy, 287.
- Function tonsils, Levenstein, 1116.
- GENICULATE ganglion, herpetic inflammation of, Hunt, 211.
- Gradenigo's syndrome, Kenefick, 750.
- HEARING, functional test, Bezold, 525.
- Hemophilia, remarks on the hemorrhagic diathesis, Hubbard, 25.
- Hemorrhage after removal of tonsils, surgical control, Cohen, 515.
- Herpes oticus and syndrome of "The herpetic inflammations of geniculate ganglion" and zoster zones of auricle, Hunt, 211.
- Hiss' extract of leucocytes, in postoperative treatment of lateral sinus thrombosis, McCullagh, 387, 463.
- Hiss' extract of leucocytes, vaccines and serums in treatment of eye, ear, nose and throat infections, Dwyer, 394, 463, 499.
- Hiss' leucocyte extract in treatment of erysipelas following mastoidectomy, Rae, 736.
- INFECTION, acute, of larynx, Hopkins, 668.
- Infection through internal auditory meatus, Duel, 251.
- Influenza, recurrent, in nose and throat, Goodale, 599.
- Instrument for inspection of posterior nares, eustachian tubes, pharynx and larynx, Hays, 208.
- Instruments for removal of labyrinth, semicircular canal, vestibule and cochlea, Whiting, 254.
- Internal and middle ear diseases, Kopetzky, 319.
- Internal ear suppuration, McCoy, 233.
- Intracranial complications of purulent otitis, Duel, 504.
- Intracranial involvement, symptoms in double mastoiditis, Emerson, 225.
- Intranasal exposure of maxillary sinuses, Sturmann, 1113.
- Intranasal measurements, indicating that palatal expansion increases width of nasal fossa, Foster, 121.
- Intubation, postoperative conditions five to ten years after, Shurly, 1063.
- Investigation of postoperative conditions five to ten years after intubation, Shurly, 1063.
- JOINT pains, mastoid operation following, Lutz, 255.
- Jugular thrombosis and lateral sinus thrombosis with removal of jugular, Quinlan, 257.
- Jugular bulb thrombosis, etc., Page, 353, 433.
- KILIAN operation followed by death from meningitis, Jacques, 1110.
- LABORATORY methods as aids in diagnosis of nose, throat and ear affections, Beck, 340.

- Labyrinthitis, clinical symptoms, Kerrison, 214.
- Labyrinth fistula, symptomatology and pathologic histology, Ruttin, 771.
- Labyrinth inflammation and operation, Ruttin, 764.
- Labyrinth, instrument for removal of, Whiting, 254.
- Labyrinth involved in recurrent mastoiditis, Blackwell, 155, 183.
- Labyrinth, suppuration, treated by removal of petrous pyramid, Richards, 430.
- Labyrinth, symptomatology and pathology, Neumann, 462.
- Labyrinthine surgery, Kopetzky, 993.
- Labyrinthitis, acute, simulated by inflammation of geniculate ganglion and herpes auris, McCoy, 732.
- Labyrinthitis, postoperative, Bondy, 763.
- Laryngeal and nasopharyngeal symptoms in syringomyelia, Baumgart, 810.
- Laryngeal tuberculosis, Levy, 804.
- Laryngeal tuberculosis, amputation of epiglottis, Freudenthal, 517.
- Laryngitis dolorosa, Freudenthal, 606.
- Laryngocele, Gugenheim, 1117.
- Laryngoscopy, direct, Bruenings, 526; Johnston, 19.
- Laryngostomy, Sargnon and Barlatier, 804.
- Larynx abscess, Waterman, 705.
- Larynx affections treated by sis-motherapy, Constantin, 803.
- Larynx, infection, Hopkins, 668.
- Larynx, instrument for inspection of, Hays, 208.
- Larynx, of mycetes seniculus (Howling Monkey), Hollinger, 51.
- Larynx papilloma, Hudson-Makuen, 684; Packard, 676.
- Larynx stenosis, cured by intubation, Mayer, 517.
- Larynx stenosis following diphtheria, Wishart, 335.
- Larynx stenosis treated by methods of O'Dwyer and Rogers, Delavan, 806.
- Lateral sinus thrombosis, Crockett, 356.
- Lateral sinus thrombosis treated postoperatively with Hiss' extract of leucocytes, McCullagh, 387, 463.
- Leprosy, Gerber, 1119.
- Lingua nigra villosa, Knight, 631.
- Lymphadenitis, cervical tuberculous, and tuberculous dermatitis treated with X-ray, Boggs, 812.
- Lymphangiectatic myxoma of nose, Hajek and Polyak, 1113.
- Lymph vessels of the accessory sinuses of the nose, Gruenwald, 1112.
- MASTOID cells, invasion by diplococcus intracellularis with pus formation, Lutz, 485.
- Mastoid curettes, Blackwell, 460.
- Mastoid, failures after radical, Barnhill, 114, 237.
- Mastoid destruction with transient middle ear infection, Harris, 760.
- Mastoid, destructive process of, Dench, 743.
- Mastoid operation followed by retroauricular opening, Alderton, 748.
- Mastoid operation following joint pains, Lutz, 255.
- Mastoid operations, function and cosmetic results following, Bryant, 221.
- Mastoid operations, report of one hundred radical, Welty, 1107.
- Mastoid operation with blood clot closure, Phillips, 488.
- Mastoid, pus, resembling paraffin, Phillips, 261.
- Mastoid region, subperiosteal abscess in, Mygind, 529.
- Mastoid wound closed with muscle flap, Iglauer, 523.
- Mastoidectomy followed by erysipelas treated with Hiss' leucocyte extract, Rae, 736.
- Mastoiditis, Hopkins, 739.
- Mastoiditis, double, with symptoms of intracranial involvement, Emerson, 225.
- Mastoiditis in scarlet fever and measles, Alderton, 502.
- Mastoiditis, latent, with epidural abscess, Braun, 381, 454.
- Mastoiditis, operation followed by abducens paralysis, etc., Ken-effek, 710.
- Mastoiditis, recurrent, involving labyrinth, Blackwell, 155, 183.
- Mastoiditis resembling otitis externa, Duel, 758.
- Mastoiditis with atresia of external auditory canal and persistent middle ear discharge, Page, 731.
- Maxillary adjustment and its effect on development of nasal chambers and face, Brown, 885.
- Maxillary sinus and its relation in embryo, child and adult man, Schaeffer, 815.
- Maxillary sinuses, intranasal exposure, Sturmman, 1113.
- Maxillary sinusitis, regional anesthesia in radical cure, Munch, 790.
- Measles with mastoiditis, Alderton, 502.



- Meatus, infection through internal auditory, Ducl, 251.
- Meniere's disease dependent on inflammation of nasal sinus, Burger, 508.
- Meniere's disease, treatment, Moll, 775.
- Meningitis, Sheppard, 256.
- Meningitis following Killian operation, fatalities, Jacques, 1110.
- Meningitis, otitic, Sheppard, 651.
- Meningitis, otogenic, and cholesteatoma, Danelon, 1108.
- Meningitis, tuberculous, following nasal tuberculosis, Huey, 785.
- Metastasis from thrombosis of jugular bulb without apparent involvement of lateral sinus, Page, 353.
- Middle and internal ear diseases, Kopetzky, 319.
- Middle ear chronic suppuration and cerebral abscess, Blackwell, 453.
- Middle ear chronic suppuration treated by eustachian tube obliteration, Yankauer, 719.
- Middle ear complicated with purulent pachymeningitis, Carroll, 1080.
- Middle ear diseases, Kopetzky, 319.
- Middle ear diseases, classification on pathologic basis, Kopetzky, 460.
- Middle ear disease with taste disturbance, Schulz, 770.
- Middle ear infections caused by capsulated bacteria, Graham, 1017.
- Middle ear inflammation, meaning of treatment of Eustachian tube, Urbantschitsch, 502.
- Middle ear inflator, Fowler, 423.
- Middle ear persistent discharge in mastoiditis, Page, 731.
- Middle ear, radical operation, Lange, 772.
- Middle ear, rhinestone removal, Theisen, 351.
- Middle ear suppuration, in connection with cerebral abscess, Blackwell, 376.
- Middle ear, transient infection of with destruction of mastoid, Harris, 760.
- Mouth mucous membrane, anomalies in the young born as a sign of degeneration, Cornelia de Lange, 521.
- Mumps followed by deafness, Gruening, 751.
- Mycetes seniculus, zoology of, Baker, 61.
- Mycetes seniculus (Howling Monkey), larynx of, Hollinger, 51.
- Myoma, lymphangiectatic, of nose, Hajek and Polyak, 1113.
- NASOPHARYNGEAL, and laryngeal symptoms in syringomyelia, Baumgart, 810.
- Nasopharyngeal polyps, intracranial evolution, Gaudier, 788.
- Nasopharynx, syphilitic stenosis, Ingersoll, 646.
- Nasal fossa, increased width from palatal expansion, shown by intranasal measurements, Foster, 121.
- Nasal impermeability, functional and correction, Foy, 790.
- Nasal reflex neuroses, Killian, 1110.
- Nasal septum operations, comparison of oral and nasal methods, Halle, 1109.
- Nasal sinuses in production of bronchial asthma, Nikitin, 1111.
- Nasal surgery, complications and dangers, Tawae, 510.
- Nares, posterior, instrument for inspection of, Hays, 208.
- Nasal tuberculosis, Freer, 1.
- New York Academy of Medicine, Section on Otology, 177, 191, 208, 218, 232, 420, 433, 453, 460, 463, 710, 719.
- New York Otological Society, 251, 470, 488, 739, 750.
- Noise producer, Phillips, 481.
- Noise producer, modified, Phillips, 741.
- Nose deformities, correction by mechanical replacement, Carter, 510.
- Nose, diagnosis of diseases, aided by laboratory methods, Beck, 340.
- Nose diseases treated with bismuth and other pastes, Beck, 521.
- Nose infection, treated with serum, vaccines and Hiss extract of leucocytes, Dwyer, 394, 463.
- Nose manifestation of influenza, Goodale, 599.
- Nose operations with local anesthesia, Schilperoort, 795.
- Nose, pathologic conditions, with reference to tubal regions, with chronic catarrhal otitis media, Hays, 295.
- Nose, relation to sphenopalatine ganglion, Sluder, 786.
- Nose, sarcoma, Price-Brown, 786.
- Nose, therapeutic measures, Beck, 273.
- Nose, tuberculosis, terminating in tuberculous meningitis, Huey, 785.
- Nystagmograph in study of galvanic nystagmus, Buys, 769.
- Nystagmus, congenital, with congenital syphilis, Phillips, 470.
- Nystagmus, galvanic, studied by nystagmograph, Buys, 769.

- Nystagmus, vestibular, anatomic explanation, Guggenheim, 1024.
- ODWYER and Rogers method of treating cicatricial stenosis of larynx, Delavan, 806.
- Olfactory system, divergent, Leonhard, 794.
- Otitic brain abscess, clinical and anatomic manifestations, Wiener, 504.
- Otitic meningitis, Sheppard, 651.
- Otitic region, abscess of brain, Dean, 541.
- Otitic sinus thrombosis, Blackwell, 767.
- Otitis externa, resembled by mastoiditis, Ducl, 758.
- Otitis media, chronic catarrhal, associated with pathologic conditions of nose and throat—with reference to tubal regions, Hays, 295, 456.
- Otitis media, chronic suppurative, contraindications to the tympanomastoid exenteration, in, Crockett, 502.
- Otitis media, involving differential diagnosis between eruption of streptococemia and that of iodoform, Dench, 495.
- Otitis media purulenta and abducens paralysis, Perkins, 692, 718.
- Otitis, purulent, with intracranial complications, Ducl, 504.
- Otitis, scarlet fever, Lutz, 753.
- Otologic diagnosis, laboratory aids, Sondern, 537.
- Otosclerosis, second stage, Bryant, 232.
- Ozena, early forms, Baumgarten, 512.
- PACHYMEINGITIS with abscesses extradural and subdural and septic thrombosis, complicating middle ear disease, Carroll, 1080.
- Palatal expansion, increases width of nasal fossa shown by intranasal measurements, Foster, 121.
- Papilloma, larynx, Hudson-Makuen, 684.
- Papilloma, larynx, recurrent, Packard, 676.
- Papilloma, larynx, treatment in children, with X-ray, Gray, 348.
- Paraffin, pus in mastoid resembling, Phillips, 261.
- Paralysis, abducens, and otitis media purulenta, Perkins, 692, 718.
- Paralysis, abducens, following operation for acute mastoiditis, etc., Kenefick, 710.
- Paralysis, external rectus oculi with thrombosis of jugular bulb, Page, 353.
- Paralysis facial nerve, cosmetic treatment, Busch, 770.
- Pathologic conditions of nose and throat with reference to tubal regions, associated with chronic catarrhal otitis media, Hays, 295, 456.
- Peripharyngeal phlegmon or Senator's disease, Bar, 798.
- Petrous pyramid, removal for suppurative disease of labyrinth, Richards, 430.
- Pharyngitis, septic hemorrhagic, Marschik, 800.
- Pharynx, infantile, casts, Braisliln, 36.
- Pharynx inspection, instrument for, Hays, 298.
- Phlegmon ligneux with throat complication, Braat, 801.
- Physiology of tone perception, Shambaugh, 983.
- Polyps, nasopharyngeal intracranial evolution, Gaudier, 788.
- Postoperative conditions five to ten years after intubation, Shurly, 1063.
- Pus in mastoid resembling injected paraffin, Phillips, 261.
- Pyemia, aural, Burger, 777.
- QUININAE and urea hydrochlorate as local anesthetic, Ingals, 595.
- RADICAL operation, after-treatment without use of tampons, Isemer, 765.
- Report of sanatoria of tuberculosis in United States of America and Canada, Gleitsmann, 1088.
- Retroauricular opening after mastoid, Alderton, 748.
- Retropharyngeal abscess accompanying acute mastoiditis and abducens paralysis following operation, Kenefick, 710.
- Rhinestone removal from middle ear of child, Theisen, 351.
- Rhinolaryngology, Wasserman, reaction in, Weinstein, 520.
- Rhinopharyngocele, Broeckaert, 799.
- Rongeur forceps, Bryant, 460.
- Rotation irritations, Mulder, 774.
- SANATORIA of tuberculosis report, Gleitsmann, 1088.
- Sarcoma of nose, Price-Brown, 786.
- Scarlet fever otitis, Lutz, 753.
- Scarlet fever with mastoiditis, Alderton, 502.
- Semicircular canal, instrument for removal of, Whiting, 254.
- Semicircular canals, removal, Whiting, 267.



- Septum abscess, traumatic etiology, Andereya, 510.
- Septum, nasal, bilateral incision in submucous resection, Srebrny, 1112.
- Septum, nasal, operations, comparison of oral and nasal methods, Halle, 1109.
- Septum, nasal, resection of bony deflections, Freer, 559.
- Septum, nasal, submucous resection, Freer, 511.
- Septum, nasal, with newly discovered cartilage formation, Haberfeld, 793.
- Senator's disease, Bar, 798.
- Sequestrum from ear of child, Rae, 227.
- Serodiagnosis of syphilis in its relation to diseases of ear, Fowler, 367, 433.
- Serums, vaccines and Hiss' extract of leucocytes in treatment of eye, ear, nose and throat infection, Dwyer, 394, 463.
- Sigmoid sinus ulceration with spontaneous hemorrhage, Lewis, 186.
- Sinus, lateral, apparently not involved in case of thrombosis of jugular bulb, Page, 353.
- Sinus maxillaris and its relation in the embryo, child and adult man, Schaeffer, 815.
- Sinus, maxillary, intranasal exposure, Sturmann, 1113.
- Sinus, nasal, inflammation and Meniere's disease, Burger, 508.
- Sinuses, nasal, relation to sphenopalatine ganglion, Sluder, 786.
- Sinus opening and removing inner table, Gruening, 748.
- Sinus, sigmoid ulceration, with spontaneous hemorrhage, Lewis, 186.
- Sinus thrombosis, cellulitis of foot and acute inflammation of the thyroid cartilage, Saunders, 159, 184.
- Sinus thrombosis, lateral, Crockett, 356, 437.
- Sinus thrombosis, Oppenheimer, 420.
- Sinus thrombosis, lateral, and jugular, with removal of jugular, Quinlan, 257.
- Sinus thrombosis, lateral, treated postoperatively with Hiss' extract of leucocytes, McCullagh, 387, 463.
- Sinus thrombosis, otitic, Blackwell, 767.
- Sinus thrombosis, otitic origin, and its relation to streptococcemia, Gruening, 147, 191.
- Sinus thrombosis with negative bacteriologic findings, Whiting, 496.
- Sinus thrombosis, streptococcus capsulatus in blood, Sheppard, 498.
- Sinusitis, acute forms, Riviere, 787.
- Sinusitis, frontal, and ethmoiditis primary to brain abscess in frontal lobe, McCoy, 287.
- Sinusitis, maxillary, regional anesthesia in radical cure, Munch, 790.
- Sismotherapy in treatment of larynx, Constantin, 803.
- Smells, affinities of, Zwaardemaker, 794.
- Sound perception, theory, Bryant, 188.
- Sphenopalatine ganglion, anatomic and clinical relations to nose and accessory sinuses, Sluder, 786.
- Stammering, treatment, Hudson-Makuen, 523.
- Stenosis, larynx, cicatricial, Delavan, 806.
- Stenosis, larynx, cured by intubation, Mayer, 517.
- Stenosis, larynx, following diphtheria, Wishart, 335.
- Stenosis, nasopharynx, syphilitic, Ingersoll, 646.
- Stenosis, nose, treated by widening dental arches, Black, 933.
- Stereoscopic demonstration of ear specimens, Cohen, 210.
- Streptococcemia, relation to sinus thrombosis, Gruening, 147, 191.
- Streptococcus capsulatus in blood, in sinus thrombosis, Sheppard, 498.
- Stutterers, instruction in speaking, 813.
- Subclavian vein, wound during operation, Phillips, 261.
- Submaxillary abscess caused by infected toothpick, Jones, 681.
- Submucous resection of nasal septum, Freer, 511.
- Submucous resection of nasal septum, bilateral incision, Srebrny, 1112.
- Surgery of labyrinth, Kopetzky, 993.
- Syphilis, congenital, with congenital nystagmus, Phillips, 470.
- Syphilis, serodiagnosis, in its relation to diseases of the ear, Fowler, 367, 433.
- Syphilitic, congenital, disease of ear, Fraser, 771.
- Syphilitic stenosis of nasopharynx, Ingersoll, 646.
- Syringomyelia, laryngeal and nasopharyngeal symptoms in, Baumgart, 810.
- TASTE disturbance in middle ear disease, Schulz, 770.

- Temporosphenoïdal abscess, Oppenheimer, 745.
- Tinnitus, Toeplitz, 741.
- Tinnitus aurium, latest advance in study, Delavan, 173, 425.
- Tinnitus aurium, objective, Yates, 734.
- Tinnitus aurium, treatment, Barr, 763.
- Therapeutic measures in ear, nose and throat affections, Beck, 273.
- Throat, diagnosis of diseases aided by laboratory methods, Beck, 340.
- Throat infection treated with serum vaccines and Hiss' extract of leucocytes, Dwyer, 394, 463.
- Throat, manifestations of influenza in, Goodale, 599.
- Throat, pathologic conditions, with reference to tubal regions, with chronic catarrhal otitis media, Hays, 295, 456.
- Throat, therapeutic measures, Beck, 273.
- Thrombosis, sinus, cellulitis of foot, and acute inflammation of thyroid cartilage, Saunders, 159, 184.
- Thrombosis, jugular bulb, Page, 353, 433.
- Thrombosis, lateral sinus, Crockett, 356, 437.
- Thrombosis, lateral sinus and jugular, with removal of jugular, Quinlan, 257.
- Thrombosis, lateral sinus, treated postoperatively with Hiss' extract of leucocytes, McCullagh, 337, 463.
- Thrombosis, sinus, Oppenheimer, 420.
- Thrombosis, sinus otitic, Blackwell, 767.
- Thrombosis, sinus otitic origin and its relation to streptococemia, Gruening, 147, 191.
- Thrombosis, sinus, streptococcus capsulatus in blood, Sheppard, 498.
- Thrombosis, sinus, with negative bacteriologic findings, Whiting, 496.
- Thyroid cartilage, inflammation, with sinus thrombosis and cellulitis of the foot, Saunders, 159, 184.
- Thyroiditis, acute, Lublinski, 1118.
- Tone perception, physiology, Shambaugh, 983.
- Tongue, black, Knight, 631.
- Tonsil anesthesia, Ruprecht, 1116.
- Tonsil, embedded disorders, Trethrop, 799.
- Tonsil enucleation, indeterminate, Fridenberg, 797.
- Tonsil function, Levinstein, 1116.
- Tonsil removal with hemorrhage, surgical control, Cohen, 515.
- Tonsillectomy, Blegvad, 1116; Pratt, 797.
- Tonsillotomy followed by diphtheria, Levinstein, 513.
- Tonsillitis epidemic, combined with sepsis, Liebl, 797.
- Tonsillitis, treatment of acute lacunar, Lamann, 801.
- Tracheobronchoscopy and esophagoscopy, Kahler, 518.
- Trumpet, ear, Delavan, 424.
- Tubal regions, reference to, in connection with pathologic conditions of nose and throat, associated with chronic catarrhal otitis media, Hays, 295, 456.
- Tuberculous lymphadenitis and tuberculous dermatitis treated with X-ray, Boggs, 312.
- Tuberculosis of larynx, Levy, 804.
- Tuberculosis of larynx, amputation of epiglottis, Freudenthal, 517.
- Tuberculous meningitis following nasal tuberculosis, Huey, 785.
- Tuberculosis, nose, Freer, 1.
- Tuberculosis, nose, terminating in tuberculous meningitis, Huey, 785.
- Tuning fork testing, Barany, 505.
- Tuning fork tests with special auscultation tube, Hubby, 638, 715.
- Tympanic vertigo, Sheppard, 665.
- Tympanomastoid exenteration in chronic suppurative otitis media, Crockett, 502.
- UFFENORDE theories on inflammation of ethmoid bone, Skillern, 63.
- Upper tone limit determination, Heugener, 1107.
- Urea hydrochlorate and quinine as local anesthetic, Ingals, 595.
- Uvula, carcinoma, Holmes, 639.
- VERTIGO, tympanic, Sheppard, 665.
- Vestibular nystagmus, anatomic explanation, Guggenheim, 1024.
- Vestibule removal, instrument, Whiting, 254.
- Vincent's angina, Arrowsmith, 658.
- Vaccines, serums and Hiss' extract of leucocytes in treatment of eye, ear, nose and throat infections, Dwyer, 394, 463.

Vacuum cleaner, uses in office and in operative work for sponging, Haskin, 491.

WASSERMAN reaction in rhinolaryngology. Weinstein, 520.

Widening dental arches in nasal stenosis, results and possibilities, Black, 933.

X-RAY technic in treatment of laryngeal papillomata in children, Gray, 348.

X-ray treatment of epithelioma of ear, Law, 422.

ZOOLOGY of mycetes seniculus, Baker, 61.

Zoster zones of auricle, with cases of herpes oticus, etc., Hunt, 211.



